

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kaiser et al.

Serial No.: 10/629,384

Filed: July 28, 2003

Title: RADIOLOCATION USING PATH LOSS DATA

Group Art Unit: 2857

Examiner:



Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

TRANSMITTAL: INFORMATION DISCLOSURE STATEMENT

Dear Commissioner:

Transmitted herewith are:

- An Information Disclosure Statement for the above referenced patent application, together with PTO form 1449 and a copy of each reference cited in form 1449.
- A payment for petition fees.
- Return postcard.
- The commissioner is hereby authorized to charge payment of any missing fee associated with this communication or credit any overpayment to Deposit Account 50-0292.

A DUPLICATE OF THIS TRANSMITTAL IS ATTACHED

Respectfully submitted,

Date: Feb. 17, 2004


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 Attorney/Agent for Applicant(s)
 Reg. No. 38687

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Dov Rosenfeld
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 Telephone No.: +1-510-547-3378

Certificate of Mailing under 37 CFR 1.18

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

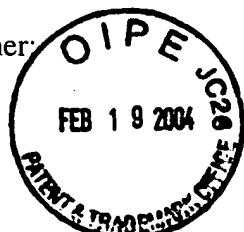
Date of Deposit: Feb. 17, 2004

Signature:



Amy Drury

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kaiser et al.	Group Art Unit: 2857
Serial No.: 10/629,384	Examiner: 
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Title: RADIOLOCATION USING PATH LOSS DATA	

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Commissioner:

This Information Disclosure Statement is submitted:

- under 37 CFR 1.97(b), or
 (Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- under 37 CFR 1.97(c) together with either a:
 Certification under 37 CFR 1.97(e), or
 a \$180.00 fee under 37 CFR 1.17(p)
 (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- under 37 CFR 1.97(d) together with a:
 Certification under 37 CFR 1.97(e), and
 a petition under 37 CFR 1.97(d)(2)(ii), and
 a \$130.00 petition fee set forth in 37 CFR 1.17(i)(1).
 (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

Certificate of Mailing under 37 CFR 1.18

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: Feb. 17, 2004

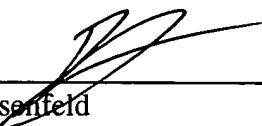
Signature: Amy Drury
 Amy Drury

It is expressly requested that the cited information be made of record in the application and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Respectfully submitted,

Date: Feb. 17, 2004


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Attorney/Agent for Applicant(s)
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INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO. CISCO-7391	SERIAL NO. 10/629,384	
				APPLICANT Kaiser et al.		
				FILING DATE 28 Jul 2003	GROUP 2857	
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
AA	5,564,079	Oct. 8, 1996	Olsson	455	54.1	May 31, 1994
AB	6,134,448	Oct. 17, 2000	Shoji et al.	455	456	Mar. 3, 1997
AC	6,112,095	Aug. 29, 2000	Wax et al.	455	456	Jul. 14, 1998
AD	6,115,605	Sep. 5, 2000	Siccardo et al.	455	426	Aug. 29, 1997
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AR	6,556,942 B1	Apr. 29, 2003	Smith	702	150	Sep. 29, 2000
AS						
AT						
EXAMINER				DATE CONSIDERED		
<small>*EXAMINER: initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.</small>						



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	BA						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBLI-CATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANS-LATION YES I NO
	BB	EP 0 930 514 A2	Jul. 21, 1999	EPO	G01S	5/14	
	BC	EP 0 967 816 A1	Dec. 29, 1999	EPO	H04Q	7/34	
	BD	EP 1 018 457 A1	Jul. 12, 2000	EPO	B60R	25/10	
	BE	EP 1 296 531 A1	Mar. 26, 2003	EPO	H04Q	7/38	
	BF	EP 1 301 055 A1	Apr. 09, 2003	EPO	H04Q	7/38	
	BG	JP 02044929	Feb. 14, 1990	Japan	H04B	7/26	Yes
	BH	WO 02/054813 A1	Jul. 11, 2002	PCT	H04Q	7/38	
	BI	WO 03/023443 A2	Mar. 20, 2003	PCT	G01S	5/00	
	BJ	WO 97/33386	Oct. 17, 2000	PCT	H04Q	7/20	Yes
	BK	WO 98/41048	Dec. 29, 1999	PCT	H04Q	7/34	Yes
	BL	WO 99/08909	Jul. 12, 2000	PCT	B60R	25/10	Yes
	BM						
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)							
	BN	"Ekahau Logical Areas-location enabling the Wi-Fi network." April 4, 2003. Ekahau, Inc., Saratoga, CA. Company's URL: www.ekahau.com					
	BO	"Ekahau Positioning Engine 2.0: Product Overview." April 4, 2003. Ekahau, Inc., Saratoga, CA. URL: http://www.ekahau.com/products/positioningengine/					
EXAMINER				DATE CONSIDERED			
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	CA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES I NO
	CB						

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

CC	"Ekahau Positioning Engine 2.0: Data Sheet." April 04, 2003. Ekahau, Inc., Saratoga, CA. URL: http://www.ekahau.com/pdf/EPE_2.0_datasheet.PDF
CD	"Indoor Positioning in 802.11b Networks." April 04, 2003. Ekahau, Inc., Saratoga, CA. URL: http://www.ekahau.com/products/positioningengine/features.html
CE	"InFielder." April 22, 2003. Wireless Valley, Austin, TX. URL: http://www.wirelessvalley.com/Products/InFielder/InFielder.asp
CF	"LANFielder." April 22, 2003. Wireless Valley, Austin, TX. URL: http://www.wirelessvalley.com/Products/LANFielder/LANFielder.asp
CG	"Optimatic." April 22, 2003. Wireless Valley, Austin, TX. URL: http://www.wirelessvalley.com/Products/Optimatic/Optimatic.asp
CH	"Predictor." April 22, 2003. Wireless Valley, Austin, TX. URL: http://www.wirelessvalley.com/Products/Predictor/Predictor.asp
CI	"LANFielder Product Literature." Wireless Valley, Austin, TX. URL: http://www.wirelessvalley.com/Assets/brochures/LanFielder.pdf
CJ	Conley, C.. "Securing WLANS with Location-Enabled Networks." <i>Wireless Security Perspectives</i> , Vol.5, No.3. March, 2003. Organization's URL: www.cnp-wireless.com/wsp.html
CK	"Company Information." April 6, 2004. Corsair Communications: A LightBridge Company, Burlington, MA. Company's URL: www.lightbridge.com

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	DA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLI-CATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANS-LATION YES I NO
	DB						

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

DC	"Corporate Fact Sheet." Aruba Wireless Networks, San Jose, CA. URL: http://www.arubanetworks.com/pdf/corporate_fact_sheet.pdf
DD	"Airwave Rogue Access Point Detection." 2002. Airwave Wireless, Inc. San Mateo, CA. URL: http://airwave.com/features.html
DE	Geier, J. "Identifying Rogue Access Points." January 6, 2003. Wi-Fi Planet Tutorials. URL: http://www.wi-fiplanet.com/tutorials/article.php/1564431
DF	Brewin, B. "IBM Develops Tool to Detect Rogue Wireless LAN Access Points." June 17, 2002. Computerworld, Framingham, MA. URL: http://www.computerworld.com/mobiletopics/mobile/story/0,10801,72065,00.html
DG	Bulusu, N., Heidemann, J., Estrin, D. "GPS-less Low Cost Outdoor Localization for Very Small Devices." IEEE Personal Communications, October 2000. URL: http://lecs.cs.ucla.edu/~bulusu/papers/Bulusu00a.pdf
DH	
DI	
DJ	
DK	

EXAMINER

DATE CONSIDERED

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